



TM-2242R

2014-04

Processes



Stick (SMAW) Welding



TIG (GTAW) Welding

Description



Arc Welding Power Source

Maxstar[®] 150 STH

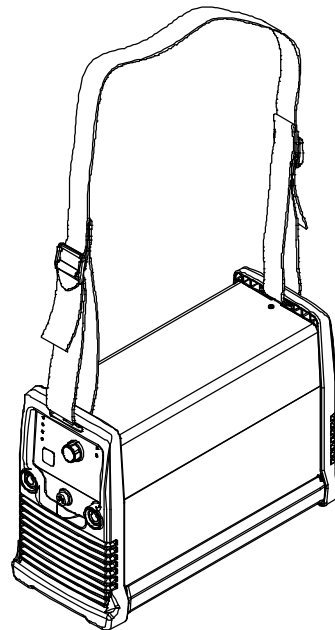
With Auto-Line™

CE And Non-CE Models

PARTS LIST

Eff w/LE030003M And Following

For OM-2242 (208 580) Revision A And Following

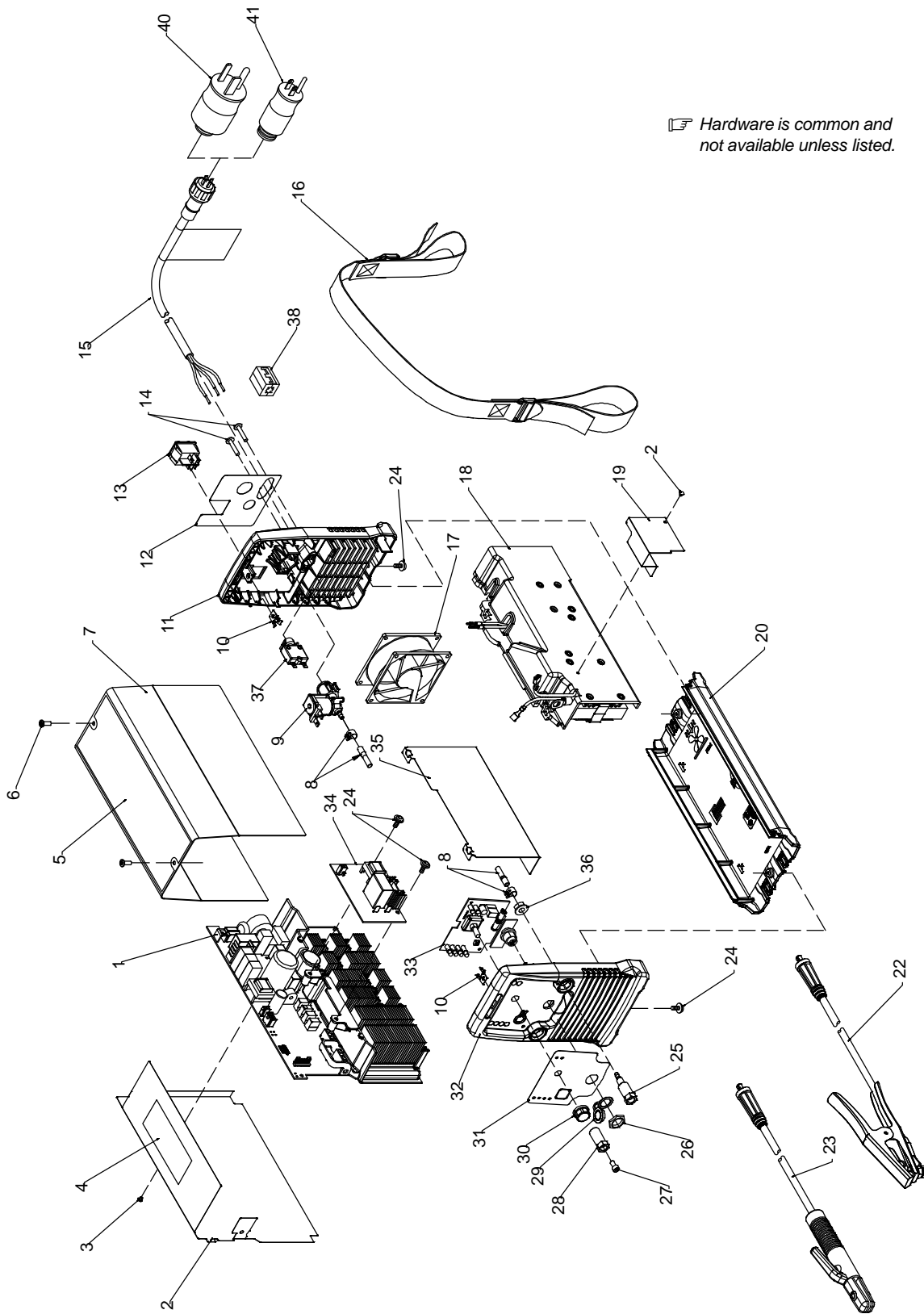


TECHNICAL MANUAL



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SECTION 1 – PARTS LIST FOR STH MODELS



803 447-J

Figure 12-1. Parts View For STH Models

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
1	PC1	222 766	KIT, pcb Assy (windtunnel w/cmpnts) (CE models) (includes) (Prior to LH250191M)	1
1	PC1	222 765	KIT, pcb Assy (windtunnel w/cmpnts) (includes) (Prior to LK500101JM)	1
1	PC1	230 210	Kit, pcb Assy (windtunnel w/cmpnts) (CE models Eff w/LH250191M, all other models Eff w/ LK500101JM)	1
2		208 701	Insulator w/label (includes)	1
		221 497	Bumper, polyurethane .500 OD x .140 H adh backed	1
3		146 549	Fastener, push-in	1
4		208 622	Label, warning	1
5		208 627	Label, warning	1
6		195 666	Screw, 010-32x .50 torx	2
7		208 700	Wrapper w/label	1
7		219 979	Wrapper w/label (CE models)	1
8		208 569	Hose and clamps (2)	1
9	GS1	221 732	KIT, field gas valve update 14 vdc Max 150 STL/STH (Prior to LF010014M)	1
9	GS1	219 967	VALVE, 14vdc 2way .625-18 thd 2.2mm orf 90psi (Eff w/LF010014M)	1
9	GS1	219 966	VALVE, 14vdc 2way .375-19 bsp 2.2mm orf 90psi (CE models)	1
10		208 558	Term, friction .250 x .032	2
11		208 703	Panel, rear w/label (Prior to LH500215J)	1
11		233 175	Panel, rear w/label (Eff w/LH500215J)	1
11		219 982	Panel, rear w/label (CE models)	1
12		208 549	Nameplate, rear (Prior to LH500215J)	1
12		233 170	Nameplate, rear (Eff w/LH500215J)	1
12		219 880	Nameplate, rear (CE models)	1
13		208 550	Switch, rocker dpst 16A 250 VAC	1
14		208 536	Screw, K50 x 25 rnd washer, hd-trx	2
15		219 167	Cable, power (CE models)	1
15		225 180	Cable, power (Eff w/LH500215J)	1
16		208 548	Strap, shoulder	1
17	FM	208 496	Fan w/leads and plug 12 VDC	1
18	L1, L2, T1	208 702	Windtunnel, magnetics w/cmpnt (Prior To LK500101J)	1
18	L1, L2, T1	246 642	Windtunnel, magnetics w/cmpnt (Eff w/LK500101J)	1
18	L1, L2, T1	219 169	Windtunnel, magnetics w/cmpnt (CE models)	1
19		208 552	Insulator, negative stud	1
20			Base w/label, order by serial number	1
22		208 561	Work Cable	1
23		208 596	Holder, electrode	1
24		208 535	Screw, k50 x 12 rnd washer hd-trx	4
25		208 612	Receptacle, twist lock power/gas	1
26		208 588	Nut, plastic 625-27.81 hex x .14	1
27		244 862	Screw, m5-.8 x 12 soc hd -torx stl pld sems piloted	1
28		208 498	Receptacle, twist lock power	1
29		208 589	Cover, dust	1
30		174 992	Knob, pointer	1
31			Nameplate, front (order by model and serial number)	1
32		208 573	Panel, front w/nameplate (Prior to LH500215J)	1
32		233 176	Panel, front w/nameplate (Eff w/LH500215J)	1
32		219 172	Panel, front w/nameplate (CE models)	1
33	PC2, PC3	218 773	Circuit board, operator interface (CE models) (Prior to LH250191M)	1
33	PC2, PC3	212 895	Circuit board, operator interface (Prior to LK500101J)	1
33	PC2, PC3	224 535	Circuit board, operator interface (CE models Eff w/LH250191M, all other models Eff w/LK500101J)	1
34	PC4	228 593	Circuit board, arc starter	1
35		208 556	Insulator, heat sink	1
36		208 497	Nut, m08-1.2 13 mm hex 8.3 mm t semi cone washer	1
37	CB1	225 844	Supplementary Protector (Eff w/LH500215J)	1
	L3	219 078	Core, toroidal (CE models) (Prior to LH250191M)	1

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
... 38	... T3	.. 219 076	.. Core ferrite (CE models)	1
... 40 219 258	.. Adapter, power cable 6-50P (230V/50A) (Eff w/LH500215J)	1
... 41 219 261	.. Adapter, power cable 5-15P (115V/15A) (Eff w/LH500215J)	1
..... 220 890	.. Assy, capacitor w/leads (not used in all models) (Prior to LH500215J)	1

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Stick (SMAW) Welding



TIG (GTAW) Welding

Description



Arc Welding Power Source

Maxstar[®] 150 STL

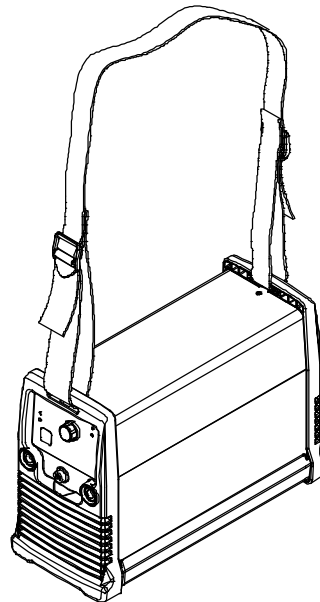
With Auto-Line[™]

CE And Non-CE Models

PARTS LIST

Eff w/LD160001M And Following


For OM-2245 (208 726) Revision A And Following



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TECHNICAL MANUAL

SECTION 2 – PARTS LIST FOR STL MODELS

 Hardware is common and not available unless listed.

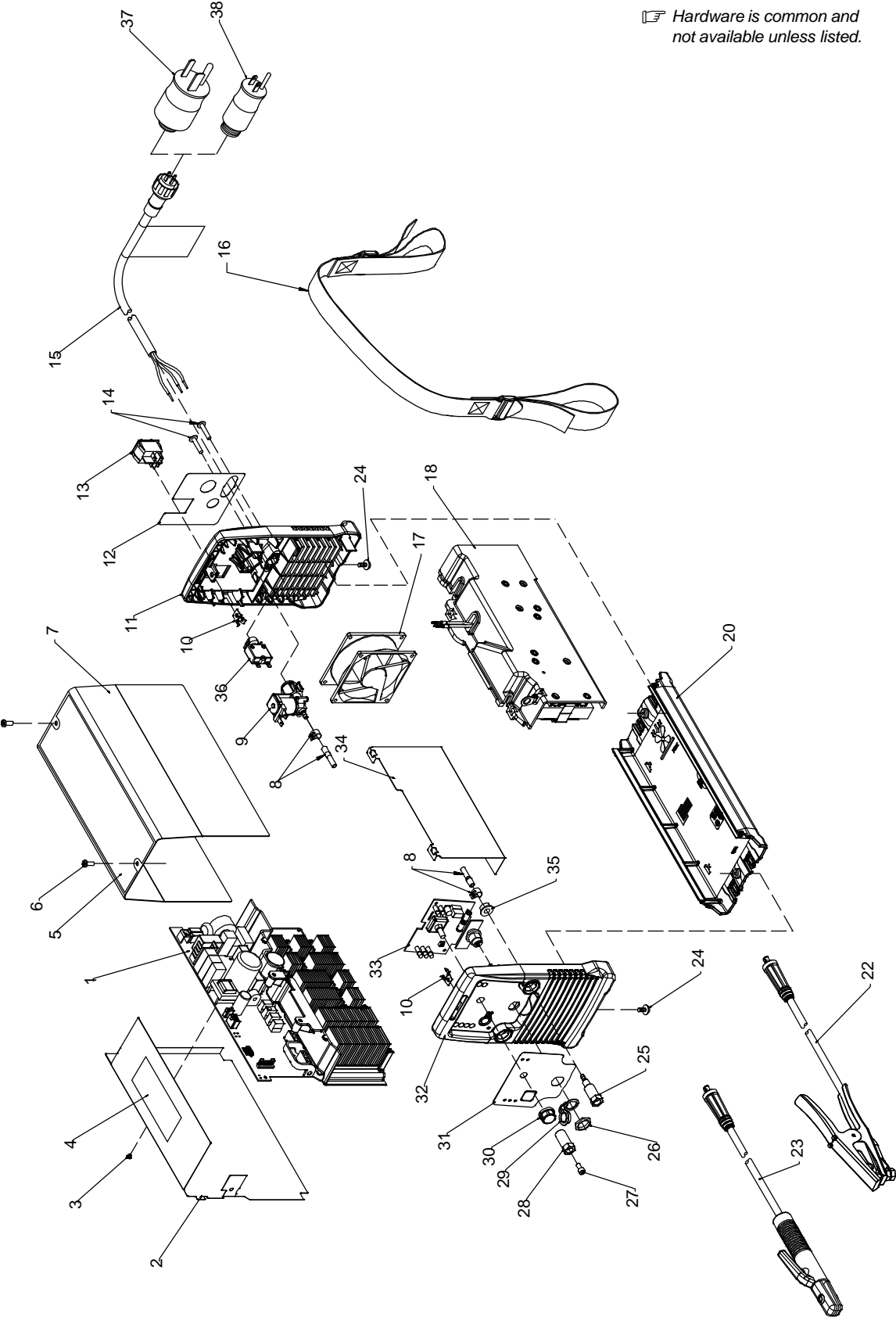


Figure 2-1. Parts View For STL Models

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
1	PC1	222 766	KIT, pcb Assy (windtunnel w/cmpnts) (CE models) (includes) (Prior to LH250191M)	1
1	PC1	222 765	KIT, pcb Assy (windtunnel w/cmpnts) (includes) (Prior to LK500101J)	1
1	PC1	230 210	KIT, pcb Assy (windtunnel w/cmpnts) All Models (includes) (Eff w/LK500101J)	1
2		208 701	Insulator w/label (includes)	1
		221 497	Bumper, polyurethane .500 OD x .140 H adh backed	1
3		146 549	Fastener, push-in	1
4		208 622	Label, warning	1
5		208 627	Label, warning	1
6		195 666	Screw, 010-32x .50 torx	2
7		208 700	Wrapper w/label	1
7		219 979	Wrapper w/label (CE models) (Prior to LH250191M)	1
8		208 569	Hose and clamps (2)	1
9	GS1	221 732	KIT, field gas valve update 14 vdc Max 150 STL/STH (Prior to LF010014m)	1
9	GS1	219 967	VALVE, 14vdc 2way .625-18 thd 2.2mm orf 90 psi (Eff w/LF010014m)	1
9	GS1	219 966	VALVE, 14vdc 2way .375-19 bsp 2.2mm orf 90psi (CE models) (Prior to LH250191M)	1
10		208 558	Term, friction .250 x .032	2
11		208 703	Panel, rear w/label (Prior to LH500215J)	1
11		233 175	Panel, rear w/label (Eff w/LH500215J)	1
11		219 982	Panel, rear w/label (CE models) (Prior to LH250191M)	1
12		208 549	Nameplate, rear (Prior to LH500215J)	1
12		233 170	Nameplate, rear (Eff w/LH500215J)	1
12		219 880	Nameplate, rear (CE models) (Prior to LH250191M)	1
13		208 550	Switch, rocker dpst 16A 250 VAC	1
14		208 536	Screw, K50 x 25 rnd washer, hd-trx	2
15		219 167	Cable, power (Prior to LH500215J)	1
15		225 180	Cable, power (Eff w/LH500215J)	1
16		208 548	Strap, shoulder	1
17	FM	208 496	Fan w/leads and plug 12 VDC	1
18	L1, L2, T1	219 168	Windtunnel, magnetics w/cmpnt (CE models) (Prior to LH250191M)	1
18	L1, L2, T1	208 538	Windtunnel, magnetics w/cmpnt (Prior to LK500101J)	1
18	L1, L2, T1	246 641	Windtunnel, magnetics w/cmpnt (Eff w/LK500101J)	1
20			Base w/label, order by serial number	1
22		208 561	Work Cable	1
23		208 596	Holder, electrode	1
24		208 535	Screw, k50 x 12 rnd washer hd-trx	4
25		208 612	Receptacle, twist lock power/gas	1
26		208 588	Nut, plastic 625-27.81 hex x .14	1
27		244 862	Screw, m5-.8 x 12 soc hd -torx stl pld sems piloted	1
28		208 498	Receptacle, twist lock power	1
29		208 589	Cover, dust	1
30		174 992	Knob, pointer	1
31			Nameplate, front (order by model and serial number)	1
32		208 522	Panel, front w/nameplate (Prior to LH500215J)	1
32		233 177	Panel, front w/nameplate (Eff w/LH500215J)	1
32		219 171	Panel, front w/nameplate (CE models) (Prior to LH250191M)	1
33	PC2, PC3	221114	Kit, 3 LED front panel (Prior to LE050208M)	1
33	PC2, PC3	218 776	Circuit board, operator interface (CE models) (Prior to LH250191M)	1
33	PC2, PC3	217 787	Circuit board, operator interface (Eff w/LE050208M thru LK500101J)	1
33	PC2, PC3	226 861	Circuit board, operator interface (All Models) (Eff w/LK500101J)	1
34		208 556	Insualtor, heat sink	1
35		208 497	Nut, m08-1.2 13 mm hex 8.3 mm t semi cone washer	1
	L3	219 078	Core, toroidal (CE models) (Prior to LH250191M)	1
	T3	219 076	Core ferrite (CE models) (Prior to LH250191M)	1

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
... 36 ...	CB1 ..	225 844 ..	Supplementary Protector (Eff w/LH500215J)	1
... 37		219 258 ..	Adapter, power cable 6-50P (230V/50A) (Eff w/LH500215J)	1
... 38		219 261 ..	Adapter, power cable 5-15P (115V/15A) (Eff w/LH500215J)	1

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Stick (SMAW) Welding



TIG (GTAW) Welding

Description



Arc Welding Power Source

Maxstar[®] 150 S

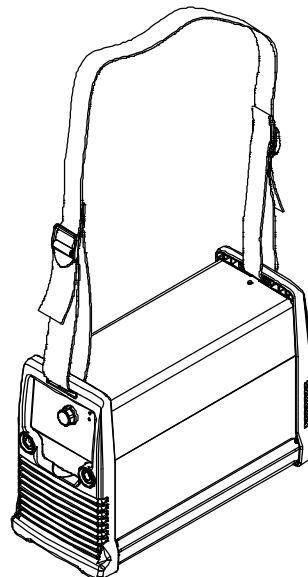
With Auto-Line[™]

CE And Non-CE Models

PARTS LIST

Eff w/LD160001M And Following


For OM-2246 (208 727) Revision A And Following

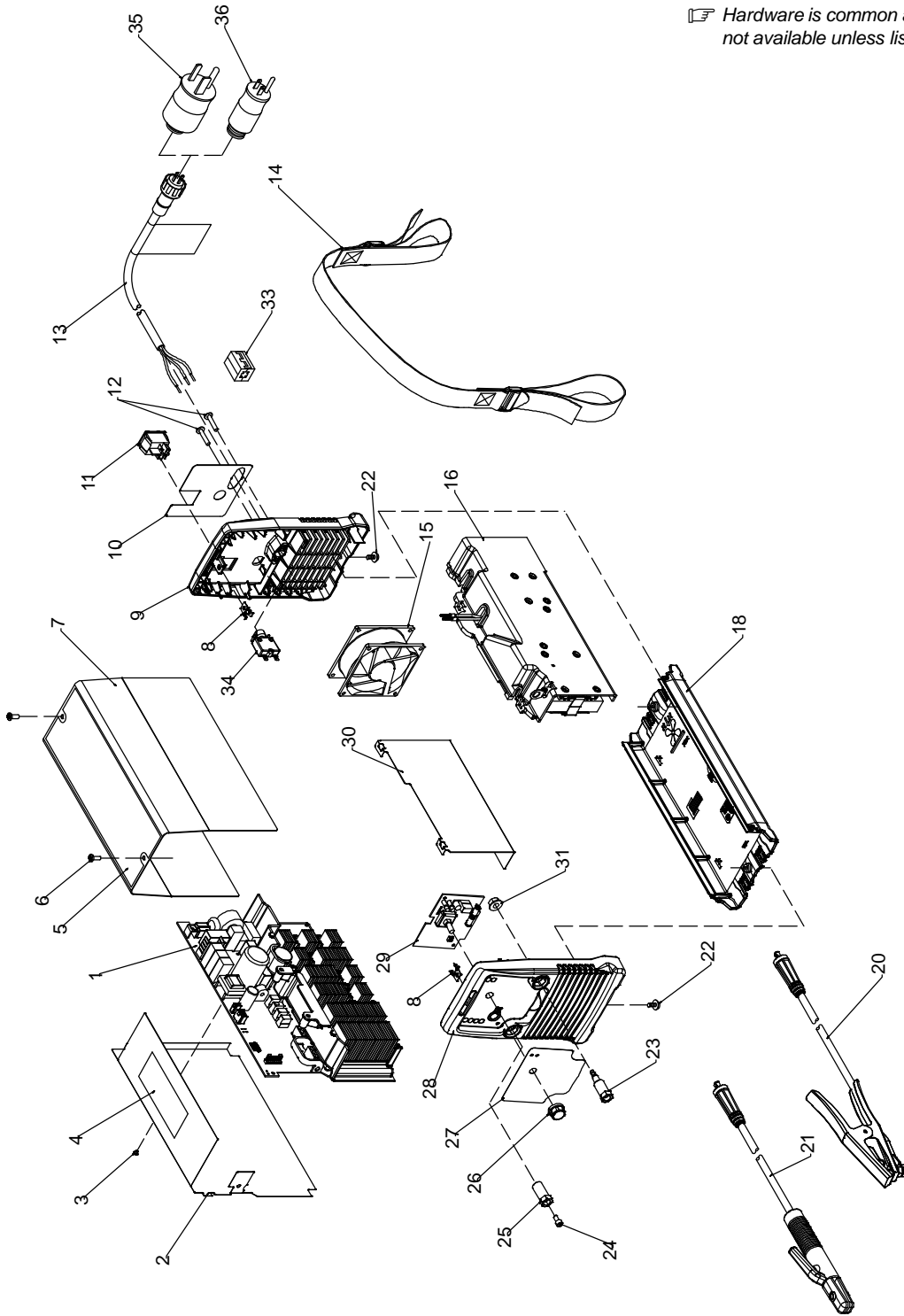


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TECHNICAL MANUAL

SECTION 3 – PARTS LIST FOR S MODELS

 Hardware is common and not available unless listed.



803 475-G

Figure 14-1. Parts View For S Models

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
1	PC1	222 765	KIT, pcb Assy (windtunnel w/cmpnts) (includes) (Prior to LK500101J)	1
1	PC1	222 766	KIT, pcb Assy (windtunnel w/cmpnts) CE (includes) (Prior to LH250191M)	1
1	PC1	230 210	Kit, pcb Assy (windtunnel w/cmpnts) (CE models Eff w/LH250191M)	1
			(All other models Eff w/LK500101J)	1
2		208 701	Insulator w/label (includes)	1
		221 497	Bumper, polyurethane .500 OD x .140 H adh backed	1
3		146 549	Fastener, push-in	1
4		208 622	Label, warning	1
5		219 674	Label, warning (CE models)	1
6		195 666	Screw, 010-32x .50 torx	2
7		208 700	Wrapper w/label	1
7		219 979	Wrapper w/label (CE models)	1
8		208 558	Term, friction .250 x .032	2
9		208 705	Panel, rear w/label (Prior to LH500215J)	1
9		233 178	Panel, rear w/label (Eff w/LH500215J)	1
9		219 983	Panel, rear w/label (CE models)	1
10		208 674	Nameplate, rear (Prior to LH500215J)	1
10		233 171	Nameplate, rear (Eff w/LH500215J)	1
10		219 881	Nameplate, rear (CE models)	1
11		208 550	Switch, rocker dpst 16A 250 VAC	1
12		208 536	Screw, K50 x 25 rnd washer, hd-trx	2
13		219 167	Cable, power (CE models)	1
13		225 180	Cable, power (Eff w/LH500215J)	1
14		208 548	Strap, shoulder	1
15	FM	208 496	Fan w/leads and plug 12 vdc	1
16	L1, L2, T1	208 538	Windtunnel, magnetics w/cmpnt (Prior to LK500101J)	1
16	L1, L2, T1	246 641	Windtunnel, magnetics w/cmpnt (Eff w/LK500101J)	1
16	L1, L2, T1	219 168	Windtunnel, magnetics w/cmpnt (CE models)	1
18			Base w/label, order by serial number	1
20		208 561	Work Cable	1
21		208 596	Holder, electrode	1
22		208 535	Screw, k50 x 12 rnd washer hd-trx	4
23		208 612	Receptacle, twist lock power/gas	1
24		244 862	Screw, m5-.8 x 12 soc hd -torx stl pld sems piloted	1
25		208 498	Receptacle, twist lock power	1
26		174 992	Knob, pointer	1
27			Nameplate, front (order by model and serial number)	1
28		208 525	Panel, front w/nameplate (Prior to LH500215J)	1
28		233 179	Panel, front w/nameplate (Eff w/LH500215J)	1
28		219 170	Panel, front w/nameplate (CE models)	1
29	PC2	212 905	Circuit board, operator interface (Prior to LK500101J)	1
29	PC2	218 779	Circuit board, operator interface (CE models) (Prior to LH250191M)	1
29	PC2	226 864	Circuit board, operator interface (CE models Eff w/LH250191M) (All other models Eff w/LK500101J)	1
30		208 556	Insulator, heat sink	1
31		208 497	Nut, m08-1.2 13 mm hex 8.3 mm t semi cone washer	1
	L3	219 078	Core, toroidal (CE models) (Prior to LH250191M)	1
33	T3	219 076	Core ferrite (CE models)	1
34	CB1	225 844	Supplementary Protector (Eff w/LH500215J)	1
35		219 258	Adapter, power cable 6-50P (230V/50A) (Eff w/LH500215J)	1
36		219 261	Adapter, power cable 5-15P (115V/15A) (Eff w/LH500215J)	1

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Miller Electric Mfg. Co.

An Illinois Tool Works Company
1635 West Spencer Street
Appleton, WI 54914 USA

International Headquarters—USA

USA Phone: 920-735-4505 Auto-Attended
USA & Canada FAX: 920-735-4134
International FAX: 920-735-4125

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